

The Cornell Countryman

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Developing a New Type of City Market

By H. E. Crouch

Specialist in City Marketing

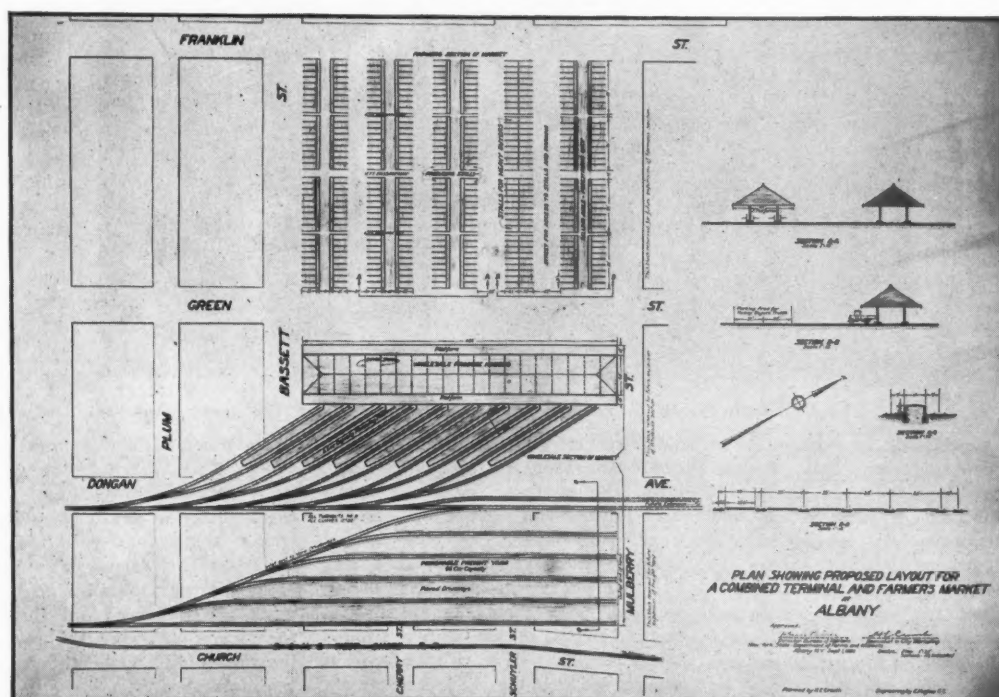


HE more we study the city marketing problem, the more apparent it becomes that the handling of farm produce from the time it arrives in the city until it reaches the consumer, is the most costly and wasteful part of the marketing process. This phase of the problem

present. The advent of the motor truck and the state road has increased by a radius of at least 60 miles, the supply areas for local produce surrounding our big cities. The demand area for the produce marketed in these cities has been extended to much greater distances. At the same time improved railroad and boat transportation facilities have extended the supply area for shipped-in pro-

markets this business is scattered. This indicates that the location of the public market determines the location of the entire food handling business in a city.

From 60 percent to 90 percent of the perishable produce consumed by our New York state cities is shipped in from distant points, in spite of the fact that most of them are surrounded by rich agricultural land. When



The combined terminal and farmers' market is recommended to the City of Albany

is becoming increasingly more complex and important with the rapid growth of our cities. Studies of this problem reveal great possibilities in the way of cheapening handling costs and relieving many of the difficulties experienced by both local and distant producers.

Our city markets were never planned to meet the demands of the

produce even beyond the borders of our country. The increase in population and the change in consumer demand have also entered into the problem.

Our studies show that in cities having long established public markets, the shipped-in produce business and most of the closely allied lines of trade are located as near the market as possible, while in cities not having

our markets were first established, they were primarily retail markets, and cities secured the bulk of their supplies from nearby farms. Today, wholesaling instead of retailing is the dominant method of sale. The old markets provided space for producers only. The buyer is now considered of equal importance to the producer. (Continued on page 163)

\$12,432.60 Extra Was Put in Farmers' Pockets

By John Ehrlich '28



MOST of the potato growers in New York state are doubtless of the opinion that it pays to spray potatoes. Most of them have seen and heard reports of the substantial increases in yield resulting from the application of Bordeaux mixture to the vines, especially in years when late blight was serious. The more prosperous and progressive farmers have purchased spraying equipment, sprayed more or less effectively and with more or less profitable results.

The great majority, however, of the farmers raising potatoes have held back. Spraying is probably all right, think many, but we always raised a good crop, and I don't see why we should go to all this trouble now. Others hold, in spite of experiment station evidence to the contrary, that although spraying may pay in bad blight years, the increases in yield would not cover expenses in years when there was little disease. Still others are reluctant to "mortgage their crop in advance," as one skeptic expressed it, fearing that a bad market would make the more expensive crop a heavier loss.

A method has been devised in recent years whereby the cost of spraying can be reduced to a minimum and whereby the crop can be sprayed so effectively that increases in yield are sufficient to pay for considerably more than the cost of spraying, even in years when blight is not severe. This plan is the community spray ring.

Spray rings have been in successful operation in Pennsylvania and central New York for several years. During the summer of 1926 they received their first trial in one of the potato areas of western New York, a region where late blight is often serious. Three rings were organized by the

farm bureau manager in Monroe county, one in the township of Penfield, and two in Rush. A description of the rings, for one of which the writer had the privilege of being employed as operator, will suffice to illustrate their organization.

The ravages of late blight during the past few years had caused certain of the progressive farmers in these towns to decide they would give spraying a trial. They formed local groups or rings containing about sixty acres of potatoes. Each ring elected one of its members chairman. He, with the assistance of the county agent, purchased all materials and a modern

The grower had water ready in tanks where pumping equipment was lacking, helped the operator refill the sprayer, and furnished a team for the operation of the sprayer and to take it to the next farm. The grower also boarded and lodged the operator while at the member's farm.

In two of the rings the operators were students in the College of Agriculture at Cornell; in the third the son of the chairman acted as operator. The two former were paid \$75 a month with board and lodging. The latter was employed by the day. The operator in each case organized the schedule, located the check rows, supervised the

mixing of solutions, took care of the rig, and did the actual spraying.

The fields were covered approximately every ten days, beginning when the vines were about eight inches high. Lead or calcium arsenate was applied with the early application to control the "bugs." All

fields received five applications and several a sixth. On days when continuous spraying would have brought the application ahead of schedule the writer helped out with the regular work on the farms of any of the members who needed him. For this work the member paid the ring at the rate of \$3 a day, this revenue being distributed proportionately to all the members.

The results of the summer's spraying in the Monroe county rings, which agreed with those obtained over a period of many years at the Geneva Experiment Station, may be taken as an indication of the effectiveness of spraying under such a plan. The check rows which were left in each field went down with blight in the last week of September, while the sprayed portions of the fields remained green until frost. No blight rot was reported in the sprayed areas.



The Author on the High-Pressure traction sprayer used in the spray ring

high-pressure traction sprayer, equipped with three nozzles to the row, hired the operator, acted as treasurer for the ring and supervised the work.

Each member paid in the spring \$13 for every acre he was having sprayed. Any funds unexpended at the end of the season, were refunded to the members on a pro rata basis. It was agreed that the rig was to remain the property of the members in proportion to their payments on the basis of acreage sprayed. In coming years new members, or old members increasing their acreage, would pay one-sixtieth of the inventory value of the sprayer per acre sprayed in addition to the annual charge for that year.

Each member provided the requisite number of barrels, and had stock solutions prepared in advance of the coming of the operator, who would 'phone the farmer a day or two ahead.

The average increase for all fields in the three rings is given below.

Bushels per acre	
Sprayed (check rows).....	229.21
Unsprayed (check rows)...	174.15

Increase due to spraying.. 55.06

The increases in yield varied from six percent to eighty percent, but even the lowest gain, that of thirteen bushels per acre, left a good profit over spraying costs.

These figures apply to five applications. Fields sprayed a sixth time were charged with an additional 45c per acre. The figure for cost of sprayer is not a pro rata distribution of the total cost of \$240, which was met by the members, but is based on the assumption that the sprayer will be in use for five years, at the expiration of which it will be traded in with a credit of \$40. Both of these assumptions are justified by authorities at the College.

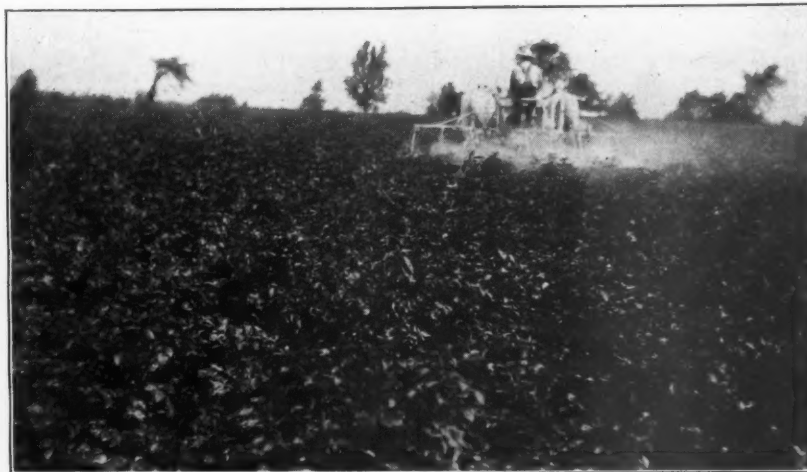
The following table shows the distribution of costs in all three rings, computed on an acre basis.

Cost of sprayer.....	\$0.67
Repairs and supplies.....	.40
Copper sulphate	2.75
Hydrated lime50
Arsenical95
Labor: operator	2.40
grower60
team	1.83
Board and lodging for operator67

TOTAL COST \$10.77

The labor charge for growers covers the time spent in the preparation of stock solutions and in helping the

operator to refill the sprayer. This item and that for horse labor are computed from figures compiled by the farm management department at the College for thirty-four well-managed farms on which cost accounts were kept. If anything, these figures are higher than necessary. The charge for board and lodging of operator was based \$20 a month. Needless to remark, none of these items was a cash expenditure.



The Three Nozzles to the row insure adequate protection to every part of the plant

The figure for total cost of spraying \$10.77 compares very favorably with spraying costs on even the best managed individual farms.

Multiplying the average selling price of potatoes at digging time on the farm, \$1.45, by the average increase in yield due to spraying, we find the following:

Average increased revenue from spraying	\$79.84
Average cost of spraying.....	10.77
Average net profit per acre from spraying	\$69.07

Assuming that the other two spray rings also totaled 60 acres and each made as much profit per acre extra, the total extra income to these farmers in Monroe county was \$12,432.60.

It is with reason, therefore, that the potato growers of Monroe county are

enthusiastic about the spray ring plan.

Let us summarize these observations. Through the formation of spray rings spraying was done where it had not been done before. It was done effectively and on time, resulting in a very significant increase in yield, in some cases as high as eighty percent over unsprayed areas. Spraying was done cheaply, as cheaply even as by the most efficient of individual growers. The farmer was relieved of the burden of making a large investment for equipment. Spraying paid well, even where the increase in yield was relatively small.

The farm bureau in Monroe county has already received numerous requests from growers in other parts of the county for help in the organization of rings. Several

farmers have applied for membership in the three rings formed last year. This is the time of year when potato growers should consider the advisability of following the spray ring plan.

There is no reason why potato growers in other sections should not profit by the example set in Monroe county. There is no reason why the depredations of the Colorado potato beetle, of the leafhopper and flea beetle, and worst of all, of the late blight fungus cannot be permanently controlled. The potato grower need no longer fear lest all the labor and expense of fitting the soil, planting the crop and harvesting it may be in vain, lest an unseen black death should stalk into his fields one autumn night, leaving behind it wrinkled drooping vines and rotting tubers.

(See Note at Bottom of Page 171)

Developing a New Market

(Continued from page 161)

ducer and should be given a place on the market.

The proposed market shown has been recommended to the city of Albany by a joint committee appointed by the late Mayor Hackett and Peter G. Ten Eyck, who was at the time

President of the Chamber of Commerce.

This new type of market I would describe as a combined terminal and farmers' market, or we might call it a primary market. This market has facilities for marketing and handling the entire supply of fruits, vegetables and other perishable produce, both of local and distant origin, used by a

city and the surrounding territory that finds it advantageous to trade in it.

There are two distinct sections to this terminal market. One section is devoted to the receiving and sale of produce that originates at distant points and is shipped to the city by rail or boat. The other section, which

(Continued on page 172)

Be a Pioneer in Your Community

By Mrs. Livingston Farrand

CHRONOLOGICALLY speaking, gardening may be said to have commenced in America when the Pilgrims first set foot upon the shores of Massachusetts. Old records

tion can be gained by making the home grounds beautiful.

To organize a garden club is a simple matter. The outline of procedure and suggestions for a constitution and

But if the idea of an organization alarms you—if you cannot arouse enough interest among your friends to make them wish to join you—be a pioneer in your community and have a garden of your own.

The State College of Agriculture at Ithaca publishes many helpful bulletins on the culture of annual and perennial flowers, and there are all sorts of books on gardening published nowadays, especially for the beginner. Learn the magic that a ten-cent package of flower seed contains and add to your life all the color and joy that a garden alone can give.

Twenty bulletins can be obtained from the College's Office of Publications. Among these are *The Flower Garden* (67), *The Culture of Roses* (F 121), *China Asters* (F 152), *Growing Sweet Peas* (151).



The Evening Primrose is one of the most popular garden flowers

show that they brought seeds of herbs and simples, among their other household supplies, and planted small strips of gardens by their dwellings. Many old gardens still exist to show how fine an art gardening was held to be in colonial days, but it was not until 1913 that a group of women, meeting in Philadelphia, organized the first Garden Club. Twelve different sections of the country were represented at that first meeting. The Garden Club of America, as the organization was named, is now a group of 74 clubs with a membership of 5,607.

The world war, for all its devastating forces, gave a great impetus to gardening, chiefly along utilitarian lines. Many people, however, who for patriotic purposes grew the unromantic vegetable, remained under the spell of the garden and turned their attention in the times of peace to flowers, and we have now a country-wide interest awakened in floriculture. Two years ago, the smaller Garden Clubs of New York, outside the restricted circle of the Garden Club of America, formed themselves into the Federated Garden Clubs of New York State. This organization is doing active civic work beside pursuing their own personal interests and the federation plan is now being followed in several other states.

The example of one lovely garden in any community, no matter how small, is far reaching and March is the ideal time to persuade your neighbors to find out for themselves how much pleasure and healthful recrea-

tion can be gained by making the home grounds beautiful. To organize a garden club is a simple matter. The outline of procedure and suggestions for a constitution and

by-laws can be obtained from the Federated Garden Clubs of New York State, whose president is Mrs. John Walton Paris, Flushing, New York.

Tom Milliman Writes About W. N. Y. F. G. A.

By T. E. Milliman '12

THE Western New York Fruit Growers' Association, Cutler Building, Rochester, is an agency of growers established and operated for purposes of good packing, popularizing Western New York fruit, and selling the product. The Association is entirely owned and controlled in Western New York by growers. It is responsive to the will of growers. The position in the trade which it is gradually building up is accruing to the credit of the growers. They are establishing a business in their own right which becomes a factor in the trade, just as a private enterprise builds up a business and trade demand which becomes valuable to the owners. The Association does some business with non-members.

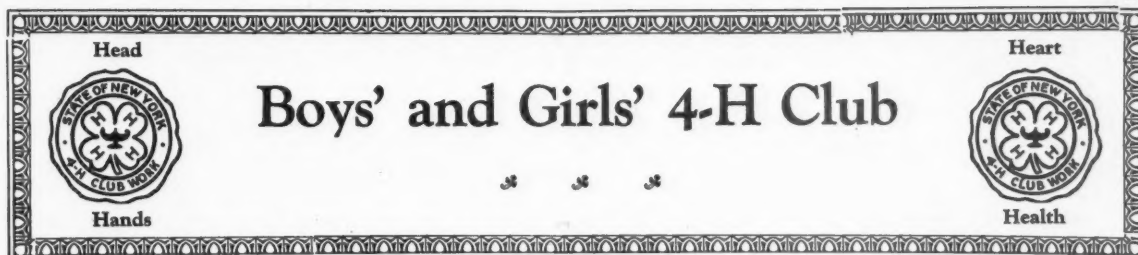
Apple growing is a long time business. Most of those in it now are in to stay. The Western New York and Hudson Valley apple belts being the oldest commercial districts in the country, are well established as to volume, and production skill. Many markets are accustomed to New York apples, and take large quantities. Of late years apples from other districts grown on younger trees, have cut in

on markets considered heretofore as nearly exclusive handlers of New York barrels. It is found that no market may be controlled by any group, but may be influenced by quality and price.

The problem in Western New York is largely one of quality in growing and packing. A top grade New York apple is unsurpassed anywhere, and will sell in the face of all competition. The Western New York Association recognizes this and is a decided factor in building for New York state a reputation for quality and dependability. The Association for years did not do its own selling. It is now in common with most other fruit co-operatives throughout the United States, handling its own sales. The Association specializes on apples but sells cabbage, onions, carrots, potatoes, alfalfa, etc., as a matter of service to growers and increased revenue to itself. About 250 cars of 1926 cabbage were sold.

A Dairy Farmers' Paradise?

The average person of the United States consumes 12 pints of milk a day.—Rochester Democrat-Chronicle



THE SPIRIT OF SERVICE IS PART OF THE 4-H-S

The 4-H Clubs are expected to include in their club program for the year some community enterprise or to do some thing that will demonstrate their interest as a club, in the activities of their community. This is a part of the development of the Heart "H."

This is being done in a very interesting way by the "Queen Catherine's Daughters 4-H Club of Odessa." The club has a membership of twenty girls, about half of whom were club members last year and are carrying on their work under the leadership of Mrs. Lee H. Warner.

At the suggestion of the president of the club, they have organized a Saturday morning story hour for the children of the community between the ages of four and nine. Each week one of the club members will be in charge and she must have attended the "story hour" of the previous week to observe. The story is told by the club girl and then the children dramatize it.

The "story hour" is from ten until eleven, Saturday morning at the Odessa School. The first one was held February 26th with thirty-five children present to hear "Snow White," the first story to be told.

Needless to say, this hour is very popular not only with the little folks, but with busy mothers as well. They are planning to extend an invitation to the small children outside of the village, suggesting that the mothers plan their weekly shopping trip so that the children may enjoy the story hour.

4-H CLUB RADIO TALKS

In cooperation with the National Committee on Boys' and Girls' Club work the College of Agriculture is arranging for a 4-H Club talk each month from station W G Y of Schenectady. These talks are a part of the general agricultural program and are given at about seven o'clock in the evening. Several clubs have arranged to have their meetings at this hour and make the radio talk a part of their program. The schedule for the year so far as it has been made out is as follows: March 23—"The 4-H Club

Girl," Miss Mildred Stevens; April 20—"Camps for 4-H Boys and Girls," G. O. Hall. The programs for May 18, June 15, July 20, and August 17, will be announced later.

On March 16 Mrs. L. E. Dawley talked on 4-H Poultry Clubs.

SUMMER CAMPS FOR CLUBS PLANNED BY FIVE COUNTIES

At least five counties are definitely planning for 4-H Club camps during the coming summer to provide for rural boys and girls some of the advantages which city and village young people enjoy in scout and "Y" camps.

Chenango county has had such a camp for the past three years: Orange, Jefferson and Ontario for two years, and Onondaga for one year. In addition to these camps Genesee, Livingston and Wyoming counties have held a combined club camp for the past two years and Nassau county has held a 4-H Club camp, for girls only,

for some three or four weeks each summer since 1924.

The dates so far selected for 1927 are as follows:

Delaware County
Boys' Camps—July 3-9
Girls' Camps—July 10-16
Orange County
Boys' Camps—July 17-23
Girls' Camps—July 24-30
Ontario County
Boys' Camps—July 24-30
Girls' Camps—July 31-Aug. 3
Jefferson County
Boys' Camps—July 31-Aug. 6
Girls' Camps—Aug. 7-13
Chenango County
Boys' Camps—Aug. 7-13
Girls' Camps—Aug. 14-20
Nassau County
Girls' Camps—July 4-23

There is a possibility of Onondaga, Tompkins and Chemung counties holding camps if convenient sites and dates can be arranged.

COLLEGES PLAN FIELD DAYS

Junior Field Days at Cornell, June 22-24! These last days in June when school is over and summer at its best have come to be red letter days to New York state 4-H Club members. Started five years ago in response to a request for some definite date when the College could accommodate a few club members who wished to spend a few days at the College this event has grown to be one of the great annual events of the year. It is the time when the University becomes host to a great crowd of young people from all over the state.



The Chenango County 4-H Club Camp in 1924

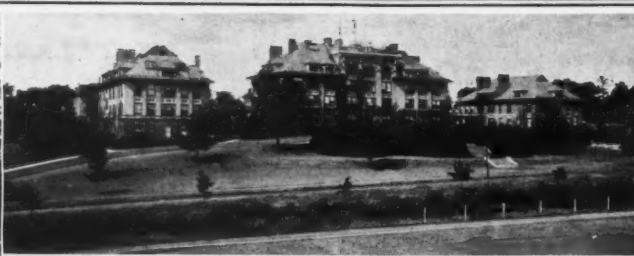
FIELD DAY TRIP DECIDES PLANS OF 4-H CLUB GIRL

Miss Ida L. Harrison '30 of Marcellus says her 4-H club trip made her decide to come to Cornell. She says, "I came to Cornell for the Field Days in 1922 as a 4-H worker without any plans for the future. My good time began as soon as I arrived; Professor Wright drove us around the campus, and we were all impressed by the gorges and falls. We went through some of the buildings and I thought I would like to study in them. Professor Wright took us back to the Drill Hall for eats. We had many good things before the ice cream, but one boy topped off with seven dishes. Everyone was so friendly that I hated to leave. I went home and told my people I wanted to go to Cornell."

BABY BEEF CLUB ORGANIZED

A baby beef club has been organized in Dutchess county. Eight older boys purchased purebred Aberdeen-Angus steer calves. The club leader is H. H. Tozier and W. A. McGregor is the local leader of the boys. The calves will be shown at the Rinebeck fair next fall and later at the Eastern States Exposition.

Jefferson county has the distinction of having the largest 4-H Club enrollment of any county in the State with 1361 members—821 in agriculture and 540 in homemaking.



Former Student Notes

'95

Samuel H. T. Hayes, after a short illness of pneumonia, died at his home in Baltimore, Md., on January 11, 1927. Mr. Hayes was a bacteriologist associated with the Hynson, Westcott and Dunning Co. for fourteen years. He was born in Oxford, Maine, and was graduated from the University of Maine before entering Cornell. He is survived by his widow, Mrs. Grace Parsons Hayes, his mother, Mrs. Elizabeth Hayes, his two sisters, and three brothers.

'00

D. J. Bresee is in the feed business in Oneonta, N. Y., and is running the Puleout Valley Stock Farm between Oneonta and Meridale. He took work under Professors Wing and Troy when he was here twenty-seven years ago.

'01

Clifford R. Pettis, superintendent of the New York state forests and nationally known conservationist, died at Albany, on January 29. Burial was in the cemetery of Saint John in the wilderness at Paul Smith's.

Mr. Pettis was one of the first professional forestry students to graduate from Cornell. He conceived and carried out most of the great conservation movements which have made this state famous.

'05

Clarence A. Bailey is engaged in poultry farming at Holcomb, N. Y.

Samuel Fraser is raising nursery stock at Geneseo, N. Y. He has written numerous books on marketing fruits and vegetables, and has been engaged in investigating freight rates on produce for shipping organizations. He taught agronomy at Cornell University between 1903-1906, and obtained his master's degree here in 1905. "Sam" Fraser is a prominent member of the New York State Horticultural Society.

'12

George Butler is teaching agriculture at Woming, Delaware. He is also operating a small poultry and fruit farm.



Professor T. E. Elder '11 of Mt. Hermon, Massachusetts, is one of Cornell's outstanding graduates. He was recently re-elected president of the New England Holstein Association. He is also a director of the national association.

'13

Clyde W. Bame is selling washing machines at Gouverneur, N. Y.

'14

Louis Eichler is employed at the famous Meridale Farms at Meredith, N. Y. He is in charge of one of the large barns of Jerseys that are producing certified milk for a special fancy market in New York City.

'16

Victor M. Buck is just beginning his seventh year as agricultural mis-

sionary at Ebolowa, Cameroun, West Africa. Much of his time last year was spent in starting gardens, in training the boys to care for them, and in evangelistic services. He is making rapid progress in introducing new varieties of plants and breeding new strains which are disease resistant and heavy producers. This work makes for better living conditions and happier folk. The area reached by Buck is surely and rapidly increasing.

J. C. Hill was among our many Farmers' Week guests. "Curry" is raising fruit at Jefferson Valley, N. Y.

'17

C. M. Phillips, Jr., is living at Clearwater, Florida.

'18

Hugh L. Cosline is teaching Agriculture at Morrisville, N. Y.,

'19

Mr. and Mrs. Percy L. Dunn announced the birth of a son, John Warren on January 16. Percy is now the scout executive for Steuben County.

Miss Helen Balder and George F. Lawrence were married at Highland Park, Michigan, on October 2, 1926.

'20

E. J. Rowan, Jr., is living at 401 N. Village Avenue, Rockville Center, L. I.

P. D. Rupert has left the U. S. Bureau of Agriculture Economics. "Phil" is now an insurance agent in Rochester.

'21

Samuel L. Althouse is managing editor of *The Poultry Item* printed at Sellersville, Penn.

A. W. Force returned from the camp on Tupper Lake to Forest Home on December 15, and has resumed his artist work in Ithaca.

'22

Roy D. Gibbs is teaching Agriculture in the Malone High School.

C. C. Wagoner owns a poultry farm at New Hamburg, N. Y. Until last

fall he was in charge of spray service in Orange and Ulster County and was located at Highland, N. Y.

'23

Henry Luhrs and Pearl Beistle recently announced their engagement. "Heinie" is working for the Schlobohm Company of Brooklyn, importers of table luxuries, and is living at 9315 Eighty-sixth Avenue, Woodhaven, Long Island.

'24

H. H. Smilie is selling automobiles at Cambridge Junction, Vermont.

Mr. and Mrs. Byron S. Curtis of Newport, Vt., have announced the marriage of their daughter, Jennie A. Curtis '23, to Milton G. Dexter '24. The ceremony was performed at Newport on August 28 last. They are living at 8 Lancaster Street, Cambridge, Mass.

'25

G. H. Taylor is selling insurance in New York and is living at 600 West 169th Street.

Henry Porter Howell and Miss Louise Hazzard, daughter of Rev. and Mrs. Herbert Hazzard were married at Brewster, New York, on September 18. Their address is care of Princeton Nursery, Kingston, N. J.

Mr. and Mrs. Harry B. Lohr of Ithaca have announced the engagement of their daughter, Flora L. Lohr to William C. Shepherd, Jr., of Wilkes-Barre, Pa. He is with the F. W. Woolworth Company in New Brunswick, N. J., while she is supervisor of home economics in Barnesboro, Pa.

Charles Gillette spent the past summer in the Pacific Northwest. "Charlie" is extension forester for the state of North Dakota with headquarters at Bottineau.

Ernest M. Mills is a junior biologist in the U. S. Biological Survey. He can be reached in care of the extension service, Massachusetts Agricultural College, Amherst, Mass.

George B. Webber has recently severed his connection with the department of meteorology here, and is now located at Orange, N. J., with the New Jersey Gas and Electric Corporation. George was managing editor of the COUNTRYMAN 1924-25, and during the same year, while president of the Ag Association, helped pull us successfully through the critical period when the question of the moment was—to have or not to have an Ag Association and Ag spirit. We really doubt if George would recognize our Ag Association this year—so completely has it changed its tactics.

ALUMNI ENJOY OLD HOME SUPPER AT FARMERS' WEEK

At the annual meeting of the Alumni Association of the College of Agriculture, held on Wednesday of Farmers' Week, the following officers were elected for the year 1927-28: president, J. M. Hurley '15, Middletown, N. Y.; first vice-president, E. H. Anderson '08, 54 Buena Place, Rochester, N. Y.; second vice-president, Mrs. Clara B. Goodman '12, Ithaca; third vice-president Don J. Wickham '24, Hector, N. Y.; secretary and treasurer A. W. Gibson '17, Ithaca; executive committee T. H. King, Jr. '07, Trumansburg, H. B. Munger '12, Bergen, and K. E. Kaine '23, Jamestown.

Following the annual meeting a banquet for the alumni and faculty of the Colleges of Home Economics and Agriculture was held in the Memorial Room of Willard Straight Hall. Two hundred and ninety-four were present at the affair which was made to represent an old home supper, with the alumni the returning children. The speakers were all dressed in old-time clothes, and everybody entered whole-heartedly into the spirit of the occasion. All the women wore sunbonnets and the men appeared in stovepipe hats. The Town Clerk, Jared Van Wagenen, Jr. '91, introduced the speakers in the following order:

Father Agriculture, A. R. Mann. The Town's Poet Laureate, Bob Adams.

Mother Agriculture, Martha Van Rensselaer.

Ye Local Editor, P. H. Wessels. His Honor, the Mayor, Livingston Farrand.

The Village Fiddler, John McDermott.

State champion old-time fiddler and Brunswick record artist.

The increasing attendance at each succeeding alumni banquet is an indication of its popularity, and many who failed to attend this year were disappointed when they realized what they had missed.

A. J. Pratt expects to run Andrew H. Whitlock's dairy farm of pure bred Ayrshires on shares. "Art" will start his new work on April 1.

H. S. Rose left his potato farm at Watermill, L. I., a few days last fall and visited Cornell. "Jack" is now enjoying a motor trip through the United States.

Charlie Richman is now manager of the Tampa branch of the Southern Cream and Milk Co. at Tampa, Fla.

Wilber "Bill" Gaige, who visited friends in Ithaca from March 4-7, has left Clark Seed Co., Green Bay, Wisconsin.

W. J. Garypie, who held a position with the Clark Seed Company at Greeley, Colorado, has just returned to his home at Sag Harbor, N. Y.

G. C. Strong is farming at Watermill, Long Island.

Mr. and Mrs. Willard E. Georgia of Rochester announce the birth of a daughter, Beverly Jane, on January 5, 1925.

Dobbin Reid and "Happy" Sadd returned January 1 after a "flivvering" trip through the West. After having their car stolen in Indianapolis (but it came back—without tires), they threshed wheat through Colorado, and hiked up Pike's Peak. They proved that the Great Salt Lake was fool-proof and that the bears at Yellowstone Park are as tame as kittens. We had a letter from them while they were working in the apple harvest in the Hood River Valley, and Dobbin said "Happy" makes the pancakes now; they are about a foot in diameter and a quarter of an inch to an inch thick." We sure envy these fellows such a trip and experience. Dobbin is working for the farm management department and is living at 214 Thurston Avenue. He plans to start farming July 1. "Happy" is manager of the G. L. F. store at Sherburne.

In our December issue we said that "Shorty" McNeil's address was 277 Myrth Avenue, Albany, N. Y. It should have read 277 Myrtle Avenue.

Mr. and Mrs. William Boocock are operating a nursery at Williamsville. It is called "The Four Winds" nursery. Professor E. A. White, of the floriculture department, gave them some advice concerning the stocking of the new greenhouse which they have just completed.

The engagement of "Sam" B. Dorance and Frances Ladd was announced at tea given by Mrs. F. E. Andrews on January 5.

"Rus" Young is teaching agriculture in Randolph High School. He is also at the head of the Boy Scouts there. His address is Randolph, New York.

Mr. and Mrs. Cuyler E. Paine announce the arrival of a boy, Gerald

Russell Paine, on January 3, 1927. He tipped the scales at six and seven-eighths pounds. Cuyler is running his own farm at Albion, N. Y., and rumor says that he is making money.

John G. Miller is editor of "The Shenandoah Valley," published at New Market, Va., and a director of Shenandoah Estates, Inc., a \$1,500,000 realty development corporation.

After being with the Wayagamack Pulp & Paper Company of Flamand, Canada, for fifteen months, Bernard Frank is back in Ag College as an assistant in forestry and is working for an M. F. degree. He lives at 326 Mitchell Street.

Mr. and Mrs. Lester Sheldon an-

nounce the birth of a daughter, Angie Luella, on December 1, 1926. At the present writing Lester is living at 305 Cascadilla Park, but he intends to go into physical education work in the near future.

Neil R. Hamilton in a letter to the forestry department writes that he was transferred the latter part of September from the Bighorn to the Pike National Forest for the one month rangers' training camp. Then he was sent to the Black Hills where he expects to be cruising throughout the winter. His address is Deadwood, South Dakota.

R. L. Parker, who took his Ph.D. here at Cornell in '25, has been pro-

moted to associate professor of entomology in Kansas State College of Agriculture.

E. F. Ives is in the masonry business with his father in New York City. His address is P. O. Box 253, Lynbrook, L. I.

"Wiley" Porter has returned to his home town of Momence, Ill., where he has bought the largest grain elevator in the section.

"Don" Ries was back in town for the Michigan State game. He has been instructing in the entomology department at Michigan State, and received his master's degree there last December. He is now working for his doctor's degree in entomology at Cornell. He is living with his parents at 401 Thurston Avenue.

George Strong has his own farm at Water Mill, Long Island, and is growing, among other things, potatoes and cauliflower. George has taken on a partner and we understand the wedding took place about the middle of last June. Congratulations, George.

Kenneth G. McDonald is an inspector of timber in the sales inspection department of the Western Electric Company. His headquarters are at 395 Hudson Street, New York, but his work carries him to the Gulf and South Atlantic states.

Alice R. Parker of Brooklyn was married on June 23 to Robert L. Case of Granville, Ohio, formerly a student at Dennison and Columbia Universities.

'26

Edward Buell in a letter to Professor Guise of the forestry department states that he started work July 1 as assistant ranger on the Lassen National Forest in District 5. "Ed" says: "I am enjoying myself a lot as the work is very interesting as a district ranger, and I am under a well experienced ranger, Mr. Box, who has been in the service for fifteen years." "Ed's" address is Hat Creek, California, and he wishes to be remembered to all the fellows.

Kendrick S. Hart of Mexico, N. Y., was married to Miss Elizabeth Burt at Ithaca on Commencement day, June 14. They are now living at 70 Charlotte Avenue, Rochester, N. Y., where "Bill" is working for the Curtis Bros. Canning Co.

Adolph H. Urban is now with Barrow, Wade, Guthrie & Co., 120 Broadway, New York City.

"Pete" Ham since July 1 has been holding down the job in the extension department that "Dave" Cook has had for the past two years. "Pete" admits that he got the position on his nerve, but from all reports we judge

The Cost of Feed

When you are keeping your own herd of cows, your experience will confirm what you've been taught in college: that the cost of feed is the biggest expense of dairying.

Common sense will tell you that a substantial saving on the biggest cost is likely to be the most worth while saving on the entire budget.

Saving on feed cost does not mean buying the cheapest feeds but buying the feeds which are the most economical producers of milk.

Buffalo Corn Gluten Feed and Diamond Corn Gluten Meal

are the right protein ingredients for rations that must produce milk economically . . . We can furnish formulas to suit the particular conditions of any dairy farm. If you're an undergraduate, remember this Ration Service when you start milking your own cows. If you're an alumnus, it will help you now. Write:

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23% Protein

Makers of the Feeds that are
IN
EVERY LIVE
DEALER'S STOCK
AND
EVERY GOOD
DAIRY RATION



40% Protein

that "Pete's" nerve is, as usual, making good.

"Al" Kurdt since graduation has been Farm Bureau manager in Seneca County. From all reports we believe "Al" is doing a fine piece of work. However, we do see him at the College quite often when he comes up to see Alice Shoemaker '27.

"Al" Mason, managing editor of the COUNTRYMAN last year, pitched hay and wheat for his neighbors last summer and picked apples for his dad at Albion last fall. "Al" is visiting his Alma Mater quite frequently this term. We learn that his sister's room-mate is the special attraction.

A. M. Boyce and S. K. Bullock started work on March 15 as assistant county agents in Ulster and Yates County respectively.

Meade Summers is a poultry specialist for Purina Mills and is located at 38 Grand Avenue, Poughkeepsie, New York. Meade gave an illustration

(Continued on page 170)

HERE'S TWO BOUQUETS FOR LADD AND WARREN

Ontario, N. Y., Feb. 2, 1927

Dear Sir:

Received your note on the back of a bill for The Cornell Countryman. Please find inclosed a check for \$3.00 for five years' subscription running from June, 1924.

Coryell's article is very interesting. I also think it unsatisfactory as he suggests to measure educational work with a dollar measure. There are some impressive figures in this article, however, one must think them through to get a final appraisal; for, there have been some mistakes made in former years in sending out spray information for spray service, etc., that should be marked on the other side of the ledger. And sometimes one wonders whether or not some of these increased savings have not helped us to overproduce and take lower prices. I find no fault with the article, but suggest these things because they are concrete to me and have employed my dollars through the years. The large question now or rather criticism of the Farm Bureau, one hears at the crossroads, is "They have shown us how to produce more stuff now can they show us how to sell it at a profit."

I am pleased to note that Dr. C. E. Ladd is taking the initiative somewhat along this line in regard to the fruit situation of Western New York. I feel that he is surely helping us to make progress.

I look forward to Dr. Warren's article for his work is based on rather

sound and careful study. Most farmers who know of him think him a very great man.

Young man, do not let this agricultural depression idea turn you away from the calling you are preparing for. I have lived well through the depression and have made some progress. I left Ithaca in 1914 with less than enough money to buy a bag of beans. I have a wonderful wife and three beautiful children. Each day as I gaze over blue Ontario (as we live on the shore) or fondle these little ones, I have never ceased to wonder,

as I did back in my tender years, why the grass so green, the sky so blue and God so great.

As one grows older one can see or appraise a truer progress that is measured by service to someone of something worthwhile. Each one of us must strive each day to tolerate every other man who faithfully directs his steps through life and each one could stretch forth his hand unselfishly and with kindliness lead his brother to see the light and love of true service.

Very truly yours,

F. W. Beneway



7 more growers

"Swap experiences"

Here are a few reports of actual experiences with
Arcadian Sulphate of Ammonia. Study Them!

Crop	GROWER	Arcadian Sulphate application per acre	Increased Yield per acre
Sweet Corn	D. M. Chalcroft, Beech Grove, Ky.	240 lbs.	528 doz.
Apples	A. M. Nichter, Elizabeth, Ind.	200 lbs.	80 bu.
Potatoes	H. O. Brandt, Luther, Mich.	150 lbs.	55 bu.
Tomatoes	Roger Sondag, Valmeyer, Ill.	100 lbs.	217 bu.
Cabbage	Lynn Heatley, Midland, Mich.	200 lbs.	12,840 lbs.
Apples	A. J. Marble, Omro, Wisc.	200 lbs.	240 bu.
Cherries	Donald C. Pharis, Harrisonville, Mo.	325 lbs.	81 bu.

Top-dressing with Arcadian Sulphate of Ammonia—25¼ per cent Ammonia guaranteed—will help all kinds of crops—backward or bumper. Try Arcadian Sulphate of Ammonia for yourself. Will send you—FREE—enough Arcadian Sulphate to fertilize 25 square feet of soil. Just fill in and mail the coupon.

Results prove the availability of the nitrogen in

ARCADIAN Sulphate of Ammonia

THE BARRETT COMPANY AGRICULTURAL DEPARTMENT
New York, N. Y.

Atlanta, Georgia
Montgomery, Ala.

Medina, Ohio
Berkeley, Cal.

The Barrett Company (address nearest office)

Please send me sample package of Arcadian Sulphate of Ammonia.

I am especially interested in.....

Write name of crops on line above

and wish you to send me bulletins on these subjects.

Name

Address

U-4-27

Former Student Notes

(Continued from page 169)

ted lecture here during Farmers' Week on "The Way of the Hen." He says "The sex of two-day old chicks can be readily determined. If she eats it is female and if he eats it is a male."

Hugh Campbell is assisting Ken Paine '23 in the county agent work in Chautauqua County with headquarters at Jamestown. Hugh dropped in during Farmers' Week and gave us a number of good former student notes. We wish that other alumni would take

this as a hint to send us a few notes for their columns.

H. D. Brokaw, who was out of college last term while working on his father's farm, has returned to Cornell this semester. He is doing special assistant work in the department of rural engineering.

M. E. Wadsworth is on his father's farm at Oswego, New York.

P. H. Michel is selling real estate in the vicinity of Yonkers. "Mike's" address is 60 Ellison Avenue, Yonkers.

W. S. Bishop is farming with his father at Deansboro, N. Y.

C. C. Cornwall and his brother are partners on a large dairy farm at South Wales, N. Y.

Miss F. E. Cushing recently returned home to 149 Commonwealth Avenue, Buffalo, N. Y. "Betty" has been employed by the Child's Restaurant Company in New York City.

Ralph M. Goodelle is with the Niagara, Lockport, and Ontario Power Co. at Weedsport.

Charles E. Truscott of 45 West Mohawk Street, Buffalo, N. Y., is with the G. L. F. Exchange, but he soon expects to go to Peoria, Illinois, to do field work for the same concern. He writes that he would be glad to hear from his Ithaca acquaintances. We want to thank Charles for the former student notes that he sent us, and we wish others would cooperate with us in getting such news so that we can improve our Alumni columns.

Helen L. Chappell, former Women's Editor of the COUNTRYMAN "is trying to impart some knowledge of homemaking to a few of New York's younger set in the public schools." She lives at 338 Stanten Avenue, Staten Island, N. Y.

James E. "Jim" Frazer has announced his engagement to Frances Evans of Erlam College. "Jim" spent his first year at Erlam. Now, he is teaching in the Riverdale Country School, at Riverdale-on-the-Hudson.

Virginia Brewster is Home Bureau agent in Ontario County.

"Ed" Hinnners is running a chicken farm in Englishtown, N. J.

G. G. Murray in a letter to the forestry department states that he is now connected with the Fidelity and Casualty Company of New York with headquarters for the present at Boston. His address is 102 Gainsboro Street, Boston.

F. B. MacKenzie is also with the same company as Murray, but he is working in the New York office.

J. C. Mitman since the last of September has been with the Colonial Creosoting Company at Bogolusa, Louisiana.

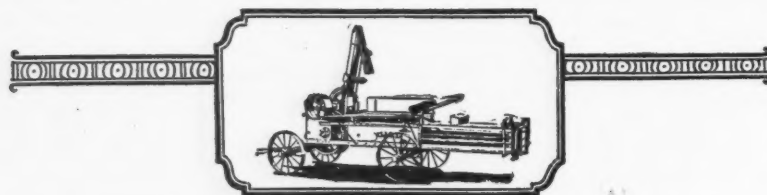
Richard K. Watros is living at 26 Albert Street, Middletown, New York, where he is making ice cream for Smith and Clark Co.

Robert Danker is with his father in Albany, assisting him in his retail flower store.

R. B. Henn is in charge of the outdoor gardens of the Goodhold Floral Co. at Mentor, Ohio.

John Lemon is in charge of 200,000 square feet of glass for the Joseph H. Hill Co., at Richmond, Indiana.

Frank Muller is a loading superintendent for the Banana Sales Corporation at Pier 26, East River, New York.



All Power Has Its Cost

FARM power and labor that seem to cost the least are often the most expensive. For instance, if you had 2000 bushels of grain to thresh, which would you rather do—take a flail and thresh it yourself at seemingly no cost, or pay a thresherman? Would 200 days of back breaking labor cost you more, or less, than the thresherman's bit?

All power has its cost. The returns determine its economy. Human muscle, oxen, horses, mechanical power—each has had its chance in Agriculture and each in turn, has supplanted or is supplanting the other. This is the reason for the great movement toward labor saving machinery that is now reorganizing Agriculture. Everything else has proved too expensive.

In this great movement Case machines are playing no small part. The reputation of Case tractors, threshers, combines and other Case products as labor saving, money making machines is well established wherever profitable modern farming is practiced.

J. I. Case Threshing Machine Company

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Established 1842

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Farm Tractors
3 sizes

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5 sizes

Combines
Prairie
Hillside

Silo Fillers
4 sizes

Baling Presses
2 sizes

Steam Engines
Road Machinery

Grand Detour
Plows
Harrows
Cultivators

"Gil" Murray is working for L. E. Van E. Hen, a civil engineer, of New Rochelle, New York. In a letter to the forestry department he says: "My work to date has been that of surveying and I have the august and dignified position as road inspector on a new concrete road we are supervising." "Gil's" address is 60 Flandreau Avenue, New Rochelle, N. Y.

Aletta Tuttle is a designer and decorator in a retail flower store in New York City.

Den Uyl is with the department of forestry, State Board of Agriculture, Jefferson, Missouri.

"Tommy" Termohlen is a barn expert for the Loudon Machinery Company and his address is 29 Grant Street, Utica, New York. "Tommy" visited his Alma Mater during Farmers' Week.

Mary Monty is living at 208 Academy Street, South Orange, New Jersey.

Lois Faber is finishing the work for her college degree in Florida at Stetson University.

Ruth Esta Davitt can be reached in care of the Cornell Club, 120 Madison Avenue, New York City.

"Walt" Benning is helping his father raise fruit on their farm at South Clyde in Wayne County.

Florence Burtis can be reached in care of C. R. McConkey, 4443 Broadway, New York City.

Milo Thompson and Miss Helen MacDonald of South Otselic were married on June 5. Milo is now assistant Farm Bureau manager in Cattaraugus County and is located at Salamanca.

Luther Jones and Miss Catherine P. Woody of Salida, Colorado, were married on September 1. During the coming year Jones will be located at the Texas College of Agriculture and Mechanic Arts where he has an assistant professorship in the agronomy department. His address is care of faculty exchange at the college station, Texas.

E. K. Ach is with the International Paper Co., 111 White Building, Utica, New York, and since July 1 has been working in the Adirondacks.

Note—Explanation

The figures in the first column on page 163 are figured on an acre basis and include five applications. Fields sprayed a sixth time were charged with an additional 45c per acre. The figure for cost of sprayer is not a pro rata distribution of the total cost of \$240, which was met by the members, but is based on the assumption that the sprayer will be in use for five years, at the expiration of which it will be traded in with a credit of \$40. Both of these assumptions are justified by authorities at the College.

LOOKING FORWARD

WITHIN a short time, every agricultural student will be faced with the necessity of applying his knowledge to his every-day work. The better acquainted he is with all the tools of his profession, the better equipped he will be to make farm management profitable.

Dynamite is a handy tool for nearly every farmer. Of course you know something of its more frequent uses—for land clearing, tree planting, and drainage. But there are numerous minor uses to which dynamite can be put on any farm at some time.

These occasional uses, as well as the major ones, are fully covered in *Land Development with Hercules Dynamite*. This handbook contains all the information you need to do any kind of agricultural blasting. You should read it now as a text, and keep it for reference when you get on the job. Fill out the coupon below for a free copy.

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900 Market Street, Wilmington, Delaware.

Please send me a free copy of "Land Development with Hercules Dynamite."

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Quality—Service

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APOLLO-KEYSTONE Galvanized Sheets not only last longest for Roofing and Siding, but are specially adapted for Culverts, Tanks, Silos, Spouting, and all exposed sheet metal work. KEYSTONE Copper Steel Roofing Tin Plates also give unequalled service. Sold by leading metal merchants. Look for the Keystone included in brands. Write for our latest booklets.

AMERICAN SHEET AND TIN PLATE COMPANY, Pittsburgh, Pa.

'27

Gerald F. "Gid" Britt left us January 15 for Chicago to take up publicity work for the Portland Cement Corporation. He came back and won the Eastman Stage contest during Farmers' Week. "Gid" was graduated in three and one-half years, and from what we learn he is getting a very good salary for a person just out of College.

Developing a New Market

(Continued from page 163)

we designate as the farmers' section, is devoted to the handling of produce which is raised within trucking distance of the market.

The business of this terminal market is almost entirely of a wholesale nature. It is here that the chain stores, groceries and other retail agencies, the hotels and restaurants

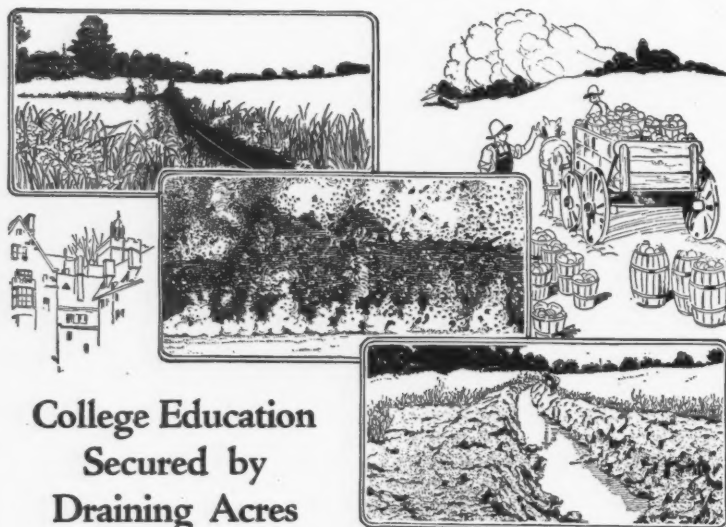
purchase their entire supply of fruits and vegetables. The farmers' section furnishes the bulk of the supply during the local growing season and the section devoted to shipped-in produce furnishes most of the supply during the balance of the year, and also such commodities as are needed to supplement local grown produce in season.

Although the business on this type of market is mostly wholesale, the market would not be complete without some selling at retail. There will always be found these sales at retail direct to consumers on any successful and complete market. It gives a needed opportunity for the farmer and the wholesale produce trade to dispose of their surpluses and of such produce as is not readily saleable to the regular trade because of slight deterioration or other minor defects. A great deal of the perishable produce that comes from the general and dairy farms and many odd lots of left-over or over-ripe but otherwise wholesome foods from the wholesale stores would be wasted were it not for the retail part of the market. This grade of produce attracts the poorer classes and serves them as well as the best grades which cost more.

The sale of the higher grades of produce at retail should not be lost sight of as it has great possibilities. People love to see displays of produce such as are found on public markets, and will go to them to gratify this desire. On the other hand, the producer who is interested in developing this class of trade must cater to it by offering quality produce put up in gift packages or in such form as will conveniently meet the needs of family trade. He must also adjust his price so that it falls somewhere between the current wholesale and the retail prices. Freshness does not appear to be, in itself, sufficient inducement to build up a high class retail trade. By providing such facilities a city does all that should be done by a public agency to bring about the direct sale of produce to the consumer.

The ultimate result to agriculture of a market planned and managed as suggested, would be the placing of the farmers who live within trucking distance of such a market, in a position to take full advantage of their location near large consuming centers, thus relieving them of the necessity of shipping, with its attendant costs and risks, to distant markets in competition with distant shippers.

Space will not permit a statement of the general economic benefits that would accrue from the operation of this new type of market. I believe that this new type of market, with the management in the hands of a trained specialist, is the key to the solution of the marketing problem in our cities.



Drawings made from actual photographs.

College Education Secured by Draining Acres

\$2500 Worth of Muck Land Reclaimed at Cost of Only \$200

TWO high school boys wanted to go to college, earnestly enough to work for their expenses. Their father, one of the owners of the Hartnagle Brothers Farm near Newark, N. Y., made them this business-like offer: "Drain the ten acres of muck land and you can have the proceeds of the crops raised on the land".

The boys figured, asked questions, and finally decided to blast the ditches with dynamite.

After laying out the ditch line and punching holes to contain the necessary cartridges of 50% du Pont Ditching Dynamite, a cartridge containing an electric blasting cap was placed in the center hole with wires leading to a blasting machine in a safe position. Down goes the handle to the blasting machine! BANG! Into the air is thrown muck, marl and stumps and scattered over the surface. Immediately the water begins running down the blasted trench.

Ten acres of idle muck land produced the crops whose sale enabled two boys to pay their college expenses. A permanent, profitable improvement secured at a cost of \$1.20 per rod.



Do you know what you can do with explosives on the farm? Let us send you—"The Farmers' Handbook of Explosives"—100 pages of illustrations and practical information. Used as a text-book by many agricultural colleges. Ought to be in your reference library. Send for FREE copy NOW.

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MAKE MONEY

The business or institution that truly serves arouses in their patrons the feeling that they too, have profited from their transactions.

When careful executives and trained scientists discuss the business of cleaning, the

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are recommended — Because they assist in quickly producing desired cleaning results, and— Because with them the user is able to profit.

But, the Wyandotte Service includes more than a group of efficient materials which will assist in doing profitable cleaning of many kinds. The user of Wyandotte profits from the efficiency of the product itself, and he also profits from the cleaning suggestions of the Wyandotte Service Men.

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HOLSTEINS

The men who own them will tell you that HOLSTEINS

Producers of Milk—

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Dependable in every climate

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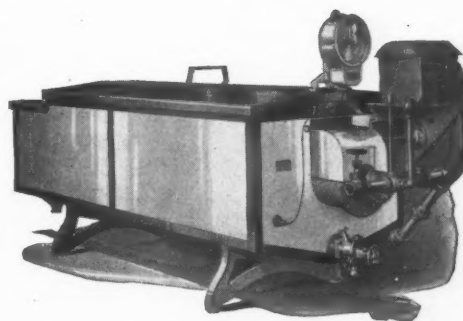
The Extension Service.
HOLSTEIN-FRIESIAN
ASSOCIATION of AMERICA
230 East Ohio Street, Chicago, Ill.

What is a Wizard?

To the man on the street, a wizard is a very wise man or some sort of a magician. But, to the man engaged in the manufacture of Dairy Products, a Wizard is a machine that is used in thousands of plants throughout the world.

Its full name is the Wizard Pasteurizer. It is used for pasteurizing, ripening, mixing, storage, heating and holding purposes in the milk plant, creamery and ice cream plant.

Over twenty-two years in continuous production, the Wizard is now accepted as standard everywhere. This is because it is al-



ways kept up-to-date, improvements being made whenever they are proven desirable. The original idea, however, remains the same because a better method is yet to be found.

Descriptive matter sent upon request.

The Creamery Package Mfg. Company
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TAILORED AT FASHION PARK



Pick Out Your Own Adjective
For These New Baxter Suits of
Smooth finished Worsteds and
Colorful Cheviots

"Smart"

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Pick out your own expression if you like, but
be sure to pick out your new Spring Suit at
Baxter's before the one you want is picked up
by some other early bird.

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KERMIS PLAYS ENTERTAIN FARMERS' WEEK GUESTS

Students Produce Three Plays for Annual Affair

The final entertainment of Farmers' Week was given in Bailey Hall on the evening of February 11 with the presentation of the annual Kermis plays.

Wedding Clothes, by Grace Kiner, was the opening production which portrayed the excitement prevailing in a rural home on the occasion of an expected return of the daughter from the city to be married. Pa sells the prize calf to provide funds for the preparations and then just too late comes news of daughter's sudden marriage in the city. The chagrin of the parents is pathetic.

The Maker of Dreams gives a quaint bit of the home life of Pierrot and Pierrette, traveling entertainers. Pierrot seeks love but he does not realize that his true love is his charming partner until that fanciful character, *The Maker of Dreams*, gives him a description of his true love which he slowly checks and finds to correspond most perfectly with that of his partner. The curtain falls with the joyous lovers in embrace.

Melodrama Concludes Program

Out of the Night, by John Smith, concluded the evening's entertainment. It was an exciting story of the night, a terrific storm, a washed out bridge, a frightened-to-death farmer's wife, and the woman whom she is sheltering from the storm. Around the fearlessness of the latter, this cold-blooded Amazon who faces the robbers, is centered the most thrilling part of the action. The rumbling thunder, the swishing of the rain, and the dimly lighted stage add to the tenseness of the atmosphere. All is made safe in the end with the abatement of the storm and the arrival of masculine assistance.

PROFESSOR STONE PREPARES HISTORY OF COLLEGE FARM

John L. Stone, professor emeritus of farm practice, is preparing a bulletin about the history of the university farm. It contains the story of the growth of the farm since the time when Professor Stone entered the university farm.

It goes back to the time when "Professor J. H. Comstock worked for pay, husking corn at three cents a bushel near the present site of the University reservoir and found it a

slow way to earn dimes. A. J. Lamoreaux, now assistant librarian in the college, remembers helping to harvest buckwheat near the present agricultural heating plant and picking apples on the knoll near the filter plant."

The bulletin contains many maps of the various phases of the university farm.

REPORT SHOWS GROWTH OF GENEVA EXPERIMENT STATION

A recent resume of the records in the director's office reveals some interesting information concerning the Geneva Experiment Station. The Station utilizes considerable land in

BARNYARD CALLS TO RESOUND AT SECOND ANNUAL SHIN-DIG

Calico and Suspenders, and Cow Calling Contest to Feature Ball

Early murmurings of spring have come and bring word of the appointment of the committee for the second annual Barnyard Ball. It will be held in the old armory this year on April Fool's eve, the Thursday before vacation.

Aggies and domeconers may wear their shop clothes, but all art students and engineers are warned that they will not be admitted if they show up in their usual city duds, and their

Pierce Arrows and Rolls Royces will have to be left a good walking distance away from the scene of action. Horses, or what have you, will be allotted the restricted parking space near the family entrance. Wheel barrows and tandem bicycles will be given the usual place just outside the door and a special checking room has been selected for

hoes, rakes and forks as well as for shoes with hobs.

Isle O' Blues Will Play

The Isle of Blues Orchestra has consented to play again after their extended vaudeville tour on which they are playing before the crowned heads of Europe and a few of the select square heads of this country. This will be their first appearance in Ithaca this season and those who know them and their stock of tricks realize just how hard it is to sit out a dance when they strut their stuff.

The committee in charge has arranged several new and novel contests which will take place that evening with valuable and appropriate prizes assured the winners. It will be wise to get your overalls and gingham dresses broken in early for a prize will be awarded the best costume.

It is hoped that many of the faculty will be present as guests and chaperones on the eve of April first to participate in the fun of this annual event and to make it a representative university affair.

APPLE SITUATION

The College has just issued a preliminary report of the apple situation in New York state, written by several of the pomology and agricultural economics authorities here. The report, which will be followed shortly by a complete bulletin, is the result of a conference of experts called recently in Rochester.



The Cast of the Kermis Plays

From left to right—E. H. Clark '27, P. D. Harwood '28, K. C. Walz '28 (coach), H. G. Agle '27, W. P. Hamilton '29, G. L. Godfrey '28, S. Marjorie Stevens '28, Laura E. Griswold '28, F. G. Davenport '27, Hilda M. Anderson '28, Frances P. Eagan '26 (coach), F. R. Smith '27, Gladys A. Adams '29, Elizabeth N. Keenan '27 (coach), R. F. Mapes '30, Edith D. Dann '28, W. D. Crofoot, W. C., A. J. Van Schoick '27 (manager).

its experimental work. The original Station farm, purchased in 1882, contained 130 acres. In 1911, 87 more acres were purchased and from time to time since then smaller tracts have been leased, until now the Station controls about 309 acres in that vicinity. In addition, it has under its direct control the Vineland laboratory located at Fredonia, the Long Island Vegetable Research farm at Riverhead and the Hudson Valley Fruit Investigations at Hudson, making a total of 386 acres, beside several tracts and orchards rented during the year. It is also of interest to note that the state has invested in permanent improvements, that is, buildings, on the Station grounds at Geneva, a sum amounting to about \$250,000, of which the chief items covered by this sum are the chemistry building, the biology building and Jordan Hall.

Professor T. J. McInerney was elected secretary of the New York State Association of Dairy and Milk Inspectors at their last meeting.

DEAN MANN PRESIDES AT ANNUAL EASTMAN STAGE

G. F. Britt Gets First Place in Hard-Fought Contest



The eighteenth annual Eastman Stage contest was held in Bailey Hall on the Thursday of Farmers' Week before an audience of fifteen hundred guests and students. Dean A. R. Mann presided at the contest giving an outline of its purpose and the reasons for its endowment.

G. F. "Gid" Britt '27, won the first prize of one hundred dollars for his speech "Darkness Before Dawn." In his speech he gave a summary of the present agricultural conditions and a forecast of great improvement in farming conditions. He pointed out that agriculture is a basic industry without which the nation could not exist. He showed how the prosperity of the nation was dependent upon the prosperity of our rural communities which supply the food and clothing necessary for all classes. He concluded with a hopeful picture of improved farm conditions in the near future and especially the opportunities which farming holds for college men.

Second Prize Goes to Dalrymple

D. M. "Dan" Dalrymple '27, won second prize with his speech "High Time for a New Harness." In his speech he brought out the flaws in our farm tax system and the desirability of a more sound tax policy. C. G. Garman '28, placed third with his speech "Can a City Boy Succeed in Farming," in which he brought out several facts concerning city boys and farms. The other speakers were Miss M. M. Leaming '27, "The Unwritten Chapter," F. R. Smith '27 "Shall I Return to the Farm," and W. H. Walling '27, "The Lost Lands."

The judges of the contest were M. C. Burritt, former director of extension of the New York State College of Agriculture, Raymond Cooper, lecturer of the State Grange, and R. R. Lord, associate editor of *Farm and Fireside*. The ushers for the evening were the members of Helios and Hebsa, honorary agricultural societies. Professor H. D. Smith, University organist, played several selections on the organ during the evening, concluding the program with America.

The winner of the medal in production poultry judging at the Madison Square Garden Poultry Show was C. N. Chamberlin '27 and not E. J. Mortimer, as announced in the February COUNTRYMAN.



A. B. CLARK SPEAKS BEFORE REORGANIZED VEG GARD CLUB

The Vegetable Gardening Club for students interested in gardening is being reorganized. The first meeting was held on March 3, at which time A. B. Clark of the Everett B. Clark Seed Company, Milford, Connecticut, spoke on "Vegetable Seeds." It is planned to have men prominent in different phases of the plant industry address the club during the spring months.

The following persons have entered the COUNTRYMAN editorial competition which was opened on February 18: R. A. Aymar '29, C. O. Bennet '29, Miss Almena Dean '29, Miss Helen Griffis '30, G. W. Hedden '29, Miss Barbara Neff '29, Miss Helen Rippey '30, Peter Ten Evck '30, P. H. Van Ness '30, and A. G. West '29.

Those who entered the business competition are: Miss Beatrice Foster '30, W. D. Bull '29, M. J. Kelly '29, Miss Frances Leonard '30, and J. D. Price '30.

RECENTLY PUBLISHED BULLETINS

Artistry in dress (H 144).
Children's clothing (E 150).
Coccidiosis and bacillary white diarrhea in chicks (E 148).
Dairy-barn rearrangement (E 111).
Dairy-barn ventilation (E 151).
Farm water supply. Part I, Simple water systems and plumbing (E 50).
Farm water supply. Part II, Use of the hydraulic ram (E 145).
Fitting and using the dress form (E 146).
Food selection and health habits.
Gas engine on the farm, III: Running troubles and their remedy (E 147).
Grinding farm tools (E 155).
Health record for boys and girls.
How to make and use an operating statement (E 156).
Outline of the New York State system of taxation (E 152).
Top-working and bridge-grafting (E 154).
4-H Club member's record book, first year homemaking (J 17).
4-H Club member's record book, foods and nutrition—elementary (J 18).
4-H Club member's record book, foods and nutrition—advanced (J 19).
4-H Club member's record book, clothing and health—elementary (J 20).
4-H Club member's record book, clothing and health—advanced (J 21).
4-H Club member's record book, home furnishing—elementary (J 22).

Requests for any of these bulletins should be written on a post card addressed to the office of publication of the College of Agriculture, Ithaca, New York.

PROFESSIONAL SCHOOLS AID CANNERS AND POULTRYMEN

Tell Principles Needed to Compete With Western Products

A poultry and egg marketing school was held by the poultry department from February 28 to March 5, as part of a program seeking high standards of quality and grading in New York state poultry products. This is a new venture for the department and was undertaken in an effort to aid New York poultrymen in competing with western farmers whose products are highly graded and well standardized. Many worthwhile talks and demonstrations were given and on the last day of the school a written examination covering these lectures together with an oral judging test were given to members of the school. Those qualifying were awarded certificates as testimony of their work.

Field Men Get Dope on Vegetables

The fourth annual extension school for canners' field men was held at the college from March 1 to 4, under the direction of the department of vegetable gardening. The school was well attended by the field men of nearly every important cannery in the state and although considerable attention was given to new varieties and methods of canning, major stress was placed upon the many insects which cause such ravages among the growers of canning crops. Effective plans for control were outlined to the field men who will in turn carry this valuable information to the many farmers in the state who grow for cannery consumption.

SCHOOL FOR GRANGERS SCHEDULED AT CORNELL

A school for Grange lecturers will be held at the College of Agriculture from April 11 to 16 under the joint auspices of the New York State Grange and the department of rural social organization. This is the first school for Grangers ever held at the college and is the second of its kind conducted in United States. Monday evening a reception will be given the students of the school by the faculty with addresses by Dean Mann and other representatives of the college. On Tuesday, Wednesday, and Thursday evenings there will be demonstrations in conducting socials, debates, and lecturer's programs. A Grange banquet will be held Friday evening.

There will be no registration fee or other expenses except transportation, meals, and lodging. Professor Ralph A. Felton, of the department of rural social organization, is ready to supply additional information.

Dr. David Griffiths, horticulturist of the bureau of plant industry of the U. S. D. A., gave two talks here on February 19 on bulb culture. He was optimistic about the future supply and quality of American-grown bulbs. He was initiated into Pi Alpha Xi at a banquet held at the Johnny Parsons Club.

Strand Theater

March 27—April 2

Adolph Menjou

in

Sorrows of Satan

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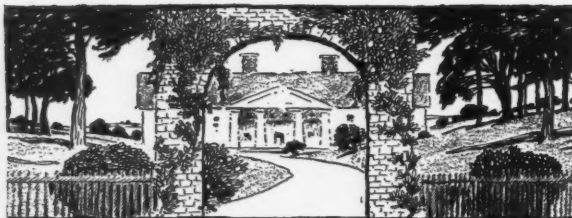
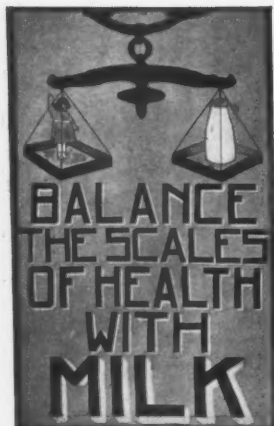
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Domecon Doings

Norma Wright, Editor

Laura Griswold, Associate Editor

PORTRAIT OF DOMECON HEAD PRESENTED FARMERS' WEEK

Gift to University Accepted by President Farrand

One of the interesting features of Farmers' Week was the presentation to the University of a portrait of Miss Martha Van Rensselaer, director of the College of Home Economics. The portrait was a gift of alumnae, students, members of the staff and friends of the college as a tribute to the work Miss Van Rensselaer has done in developing home economics at Cornell.

Professor Claribel Nye who is chairman of the Home Economics Alumni Association made the presentation before a large audience in Bailey Hall and the portrait was accepted for the University by President Livingston Farrand. Dean A. R. Mann of the Colleges of Agriculture and Home Economics presided.

The portrait is the work of Lydia Field Emmet, one of America's foremost portrait painters. It now hangs in the main hallway of the home economics building.

DOMECON PLAY PRESENTED

Farmers' Week guests are more than interested in attractive homes judging from the numbers who poured into the home economics assembly to see the demonstration "Refurnishing the Living Room" by the household arts staff and students. The amusing little play which included a vivid picture of a living room "before and after" and a lesson in color introduced between the acts.

Sprites of "Bad Taste," "All-the-Style" and other dangerous imps presided over the living room on which the curtain rose—a conglomeration of the "artistic" horrors of the "gay nineties" with many additions of more recent date. It was no wonder that the son and daughter of the house, played by A. H. Schimmelpfennig '27, and Mildred Gordon '28, never wanted to stay at home. Ralph B. Munns '28, and Georgia Piland, Grad., as father and mother, were distressed but didn't know what to do about it until the Spirit of Art, Lois Fitter '28, with her attendant good spirits came to the rescue.

178

The lesson in color was an incidental scarf dance given by spirits representing the different colors and a solo dance by Lydia Kitt, '29, as Gray, the combination of all colors, was a feature of the interlude.

In the last act the room was transformed. Gone were the knickknacks and family portraits, the telephone doll and brightly decorated lamps. Neutral toned walls made a background for a few well chosen pictures, and simple, inexpensive and comfortable furniture. The refurnished room calmed the family restlessness and the curtain fell on a contented group singing Home Sweet Home.

CAFETERIA BREAKS RECORDS

Imagine mixing twenty gallons of macaroni and cheese at one time, or cooking the hindquarters of two steers for one meal! How would you like to wash 14,124 dishes with eight assistants in only three hours? These things went on not in the world's largest hotel but in our own domecon cafeteria.

When we consider that 2,209 meals were served in one day, we do not wonder that such large scale operations took place. This year domecon gave a practical demonstration of the ability of the domeconers to rise to the demand of the record breaking Farmers' Week crowd. All previous records were broken and 9,633 people were served in the week.

Mrs. Nehrling says, "We are asked so frequently by Farmers' Week visitors, 'Do you dread to see us come?' Not at all, we rather enjoy the excitement of feeding thousands for a few days, but we must say that we really aren't sorry when the week ends."

Nearly every door in domecon is well labeled, but the labels are out of date. In some cases white slips of paper are thumbtacked to the door. That looks very shiftless. It certainly isn't setting a very good example in housekeeping, is it? We wonder how Farmers' Week visitors found the people they wanted to see in the home economics building. This might be a good project for the students in household arts. They could have some real practice in using their lettering ability.

HOTEL MANAGEMENT STUDENTS DISPLAY THEIR CULINARY ART

Farmers' Week Guests Much Impressed by Exhibition of Talent

The demonstration given by hotel students during Farmers' Week was unusually popular and if the audience had any doubts of the men's ability to cook, they were entirely dispelled by the luscious planked steak, the canapes, meringues, and other elaborate dishes prepared by the students.

Under the direction of Mrs. Jessie A. Boys of the department of foods and nutrition, S. W. Allio '29, R. L. Henderson '27, A. C. Hunt '29, and R. E. Tys '27, in chef's costumes, went through a regular laboratory procedure in an improvised laboratory on the platform in the home economics assembly room, making the mouths of the onlookers water with the good things they turned out. Preceding the demonstration Mrs. Boys explained that the courses in food preparation which the hotel students take are not designed to make them expert cooks, but to give them a manager's knowledge of the problems a hotel chef may have to meet. "Nevertheless," she added, "they can cook."

DISTINGUISHED GUESTS HERE

A committee visited the College of Home Economics on March 3 to study the work the college is doing. The committee considered the large service of the college to the homes of the state and discussed the need either for enlargement to meet the growing demands or for limiting the enrollment, which is becoming an acute problem. The committee was composed of representatives of the Governor of New York State, the Commissioner of Education, State Federation of Farm Bureaus, State Federation of Home Bureaus, New York State Grange, and various women's organizations.

Becoming and suitable clothes, not necessarily those that are expensive, make one well-dressed. The state college at Ithaca, N. Y., has a new bulletin on artistry in dress which may help solve some problems. Those who ask for copies should mention number E 144.

Wisteria T Garden

Why not make this your down town headquarters?

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H. V. Miles, '08

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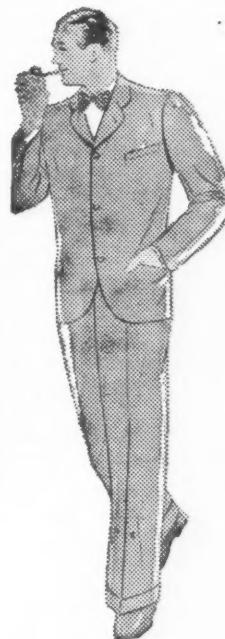


TO THE POINT

THERE are some men who do not buy their clothing at this store simply because they have never been in to see what we have to offer them.

If these men would do themselves the justice of comparing our clothes with the clothes of other stores -- and at the same time compare prices -- it is a certainty that they would trade nowhere but here.

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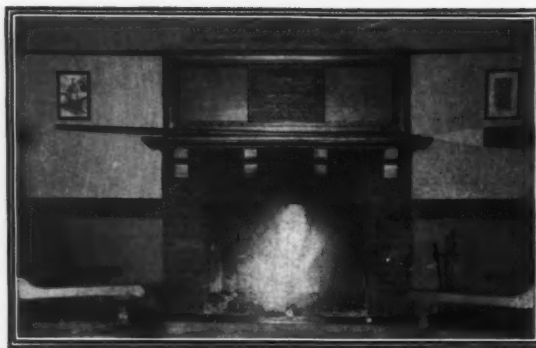
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Foresters



Of Saint Murphius

RESEARCH IN FOREST SOILS ASSURED BY GENEROUS GIFT

A gift of \$130,000 for the endowment of a research professorship in forest soils in Cornell University has been announced by President Livingston Farrand, who said that the Charles Lathrop Pack Forestry Trust, founded by Charles Lathrop Pack, president of the American Tree Association, in addition to endowing the chair, had made a further generous provision of funds for the operating expenses of the advanced line of investigation to be undertaken.

The work will be done in the New York State College of Agriculture, and the appointment of the professor will be announced shortly, President Farrand said. The chair will be named for Mr. Pack, who is already well known for his benefactions to scientific forestry as president of the American Tree Association and as the founder of the Charles Lathrop Pack Forestry Trust. This trust is administered by his son, Arthur Newton Pack.

Knowledge of Forest Soils Lacking

"In the northeastern hard-wood area, extending over the middle Atlantic states and as far west as Indiana and Illinois, the question of proper forest care and operation depends very largely upon a study of soil conditions, and practically no data on forest soils are at present available," President Farrand said. "The proposed line of investigation is a new development in forest research in this country. It will undertake to co-ordinate studies in several fields of science and apply what is learned to the special soil problems involved in the business of growing healthy forests.

Chemistry of Soils to Be Studied

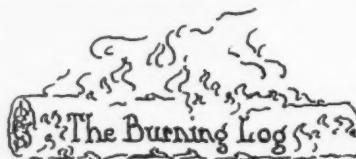
"This research will necessarily deal with the chemistry and biology of soils. It will naturally have relations with the field of heredity in tree growth, particularly as it should throw light on the problem of adapting certain varieties of trees to given soils. And it will similarly have a bearing on the field of plant pathology, because of the relation that soil conditions bear to diseases of trees.

"Many of the timber grower's problems are complex. Their solution must be looked for in several fields, including these interrelated fields of soils, genetics and forest pathology.

"This is the first time that such a comprehensive research on forest

soils has been systematically undertaken in this country. The comprehensive study of forest soils is a new line of research everywhere, and the only specialized workers in it are a few scientists in Sweden, Russia, Finland and Germany. While the work to be done under Charles Lathrop Pack's endowment will deal directly with American forest problems, its results will have international interest and general scientific value."

This research professorship in forest soils, while closely correlated with the forestry department, will officially be under the supervision of the department of agronomy.



Clifford R. Pettis '01 died suddenly on January 29, 1927, after a brief illness. He was a member of the class of 1901, the second class to graduate from the New York State College of Forestry at Cornell and prominent in state and national forestry organizations. His loss will be felt deeply by those who knew him, not only as a forester, but as a true friend.

Last summer the C. E. camp for foresters was five weeks in length with a cost of \$50. This year the camp will last four weeks and the charge will remain at \$50. We don't blame the surveying department of the C. E. College for their desire to practice economy, but would prefer it if they would begin at home.

What and why is a "market" of logs? Among the varying measurements of logs the old Adirondack "standard" or "market" has long been used. What is the origin of the term? Technically it is the number of board feet in a log 19 inches in diameter and 13 feet long,—but why the odd sizes? Perhaps some of our readers can enlighten us on the history of the "market."

The foresters who are helping fill this page and who are competing for its editorship are "Walt" Fleischer '29, "Froggie" Pond '28, and A. D. Quick '28.

FORESTRY CLUB OFFICERS ELECTED FOR SECOND TERM

The Forestry Club held its first meeting of the term in the club room on February 23, at which time the lumberjacks elected a new set of "trail bosses" for the spring term. "Bill" Walling will continue to wield the gavel at meetings and "Froggie" Pond will again act as vice-president. To "Al" Quick was entrusted the care of the money bags and to "Ivey" Olsen the keeping of the minutes.

The purpose and future of the club and its relation to the forestry department were talked over in an informal discussion preceding the election of officers. A foresters' barbecue to be held early in the spring was suggested as a good means of getting the whole gang together and helping the newer members get acquainted. Crew possibilities were mentioned and all prospective oarsmen were asked to report at the old armory.

The meeting adjourned to the tune of Home Sweet Home, played on brand new accordions by "Marv" Smith and "Bill" Walling.

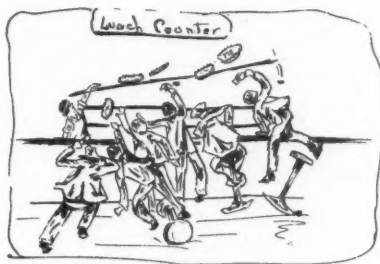
MINNESOTA SUPERVISOR BRINGS U. S. FOREST SERVICE "DOPE"

A. G. Hamel, superintendent of the Superior National Forest, Minnesota, is now making visits to a number of the forest schools of the country. The purpose of his trip is to talk with forestry students about the work of the United States Forest Service and to strengthen the relations between the service and the several forest schools.

Mr. Hamel addressed the Cornell foresters on February 11, 12 and 14, delivering a series of lectures and answering any questions that arose. Foresters, particularly those interested in the U. S. Forest Service, gathered at the home of "Bill" Walling, president of the Cornell foresters, to hear him speak. There they discussed forest management as practiced on the U. S. National Forests.

WAKELY OFFERS CAMERA

P. C. Wakely is offering an excellent pocket camera to the junior who submits the best journal of notes on his courses, his reading, his talks on professional subjects, and his observations on forestry. The journals are due May 1, 1927, and should be kept on lefax paper. The man, who Mr. Wakely thinks has learned the most, will get the camera.



A hot time in the old country store

The Second Annual BARNYARD BALL

(Remember the gingham dresses and overalls of last year)

April Fools' Eve, March 31



Got cher plowin' done Hank?



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Stags — two dollars



Lizzies, buggies, or shanks' mare are approved
"Modes of Conveyance"

CAMPUS CHATS

SWELL HEADED

Five thousand visitors registered at the twentieth annual Farmers' Week, which is over a thousand more than have come in any previous year. Part of the unusually large attendance was doubtless due to favorable weather. Yet the Colleges of Agriculture and Home Economics have reason to be proud of the ever-increasing confidence and reliance which the farmers and home-makers of the state are placing in them.

READY ALL—STROKE!

"The foresters will have to get an early start to beat these aggies this year," worries our forestry page editor in the February issue, urging his lumberjacks to the machines. You surely will, dear foresters. We sympathize with you and add that if you haven't started practicing yet you might as well give up now. The ag men are holding daily practice in the old armory, keeping in trim for the day when the Inlet thaws. Let's see all the old fellows out and all the new ones who think they can pull an oar, for we're out to win!

THE SOCIAL VIEWPOINT

A student who leaves the College of Agriculture or home economics without taking at least one course in rural social organization is making a

grave mistake, no matter what he or she is preparing for, farmer, teacher, extension worker, housewife, business man, or what not. A person who specializes is frequently over-balanced, so that he places wrong things first and thus misses much of the pleasure and satisfaction of life. To obviate such difficulties a course in the above department is helpful; it organizes information, gives vision, encourages progressive outlook, and develops a social viewpoint.

A LIBERAL EDUCATION

Every student with an unbalanced education is like an improperly cut jewel which shows its brilliance only in one angle of the light. If you cannot get the liberal education that makes for a well-rounded man, in your classes, by all means get it outside of them. The best of music is to be heard at the university concerts and at the weekly organ recitals; fine arts exhibits are held in Morse Hall. These as well as some of the extra curricular lectures are well worth attending.

NOVEMBER COPIES

We have exhausted our supply of the November, 1926, issue of the COUNTRYMAN and will appreciate it greatly if any of our subscribers will let us have their copies if no longer desired.

The population of England is unusually dense.

THIS 'ERE & THAT 'AIR

Student—"I've got an idea."
Prof. Hinman—"It will probably go like the last one—'die of solitary confinement'."

Freshman—"How long will I have to wait for a shave?"

Barber—"Oh, about two years."

Rookie—"Sargeant, please pick me out a nice gentle horse; my first lesson, you know."

Stable Sargeant—"Ah! Here's just the animal for you. He's never been ridden before. You can both start out together."

A father took his son of four years to the incubator in the cellar to see the eggs hatch.

Said dad impressively—"Isn't it queer how the little chicks get out of the shell?"

"Huh," said the youngster, "What gets me is how they get in there."

—Watchman Examiner

Professor J. H. Comstock, one of our foremost entomologists, once remarked, after a brief and disastrous attempt at farming, that he could readily see how a man could make a fairly good professor as he had to know well only one subject, but he didn't see how anyone could be a good farmer, who was required to know everything and be able to do everything.

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It will be a pleasure to show you and help you select your new pair.

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The Cornell Countryman

Founded 1903

Incorporated 1914

Published by Students of the New York State Colleges of Agriculture and Home Economics.

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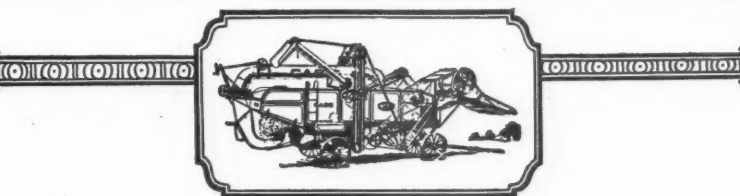
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Make Farm Work Pay



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Farm Tractors
3 sizes

Skid Engines

Steel Threshers
5 sizes

Combines
Prairie
Hillside

Silo Fillers
4 sizes

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2 sizes

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Grand Detour
Plows
Harrows
Cultivators

THERE is always plenty of work to
be done on a farm. The problem is
to make the work pay. Since the cost
of labor makes up about 40 per cent of
the total cost of producing farm com-
modities, it is quite important to know
how to make the best use of it.

Labor efficiency is measured by a very
definite standard—output per day per
worker. The man who plows eight
acres a day earns twice as much as the
man who plows only four.

The same principle applies to all farm
work whether the farmer does it him-
self or hires it done. The labor problem
thus resolves itself into the careful se-
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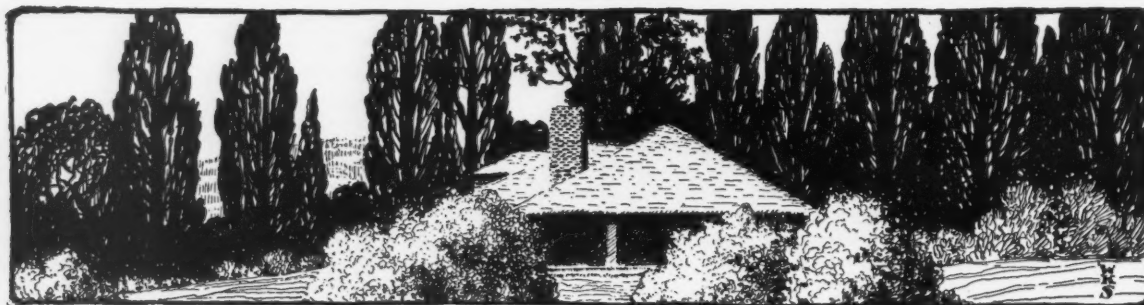
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Racine

Wisconsin

NOTE—Our plows and harrows are NOT the Case plows
and harrows made by the J. I. Case Plow Works Co.



Through Our Wide Windows



APRIL, 1927

ITHACA, NEW YORK

The Cornell Countryman

One of the Agricultural College Magazines, Associated. Finances are controlled by an incorporated board of professional and business men of which L. J. Steele is president. Published monthly from October to June. The subscription rate is a dollar a year. ROBERT E. ZAUTNER, Editor-in-Chief—CLARENCE F. BLEWER, Circulation Manager—VERLE O. LINDERMAN, Business Manager

A FAIR DEAL

For the fourth consecutive time, National Child Health Day is to be celebrated all over the United States on May 1. Health departments, welfare organizations, clubs and individuals will unite to make the observance a success.

Dr. S. J. Crumbine, General Execution of the American Child Health Association, defines health as follows:

"Health is a state of physical, mental and moral equilibrium, a normal functioning of body, mind, and soul. It is the state when work is a pleasure, when the world looks good and beautiful, and the battle of life seems worth while. Health is the antithesis of disease, degeneracy, and crime."

What are you doing to protect your child's health? Is it getting a fair deal in this game of life?

ISN'T IT STRANGE?

A few figures concerning the agriculture of the area of New York and Pennsylvania, which supplies New York City with milk, shows the immensity of the dairy industry in that region.

- 1—It covers 15,000,000 acres.
- 2—1,500,000 cows produce \$365,000,000 worth of dairy products for 13,000,000 people.
- 3—The value of farms and livestock is \$1,050,000,000 and milk plants, equipment, etc., amount to \$200,000,000.
- 4—Dairying is 53 percent of this region's agriculture. Isn't it strange that an industry of this magnitude can't insure itself a fair profit?

The people who succeed in life are those who make use of the other people's mistakes.

The COUNTRYMAN is glad to announce the election of J. D. Pond '28, of Albany, and W. E. Fleischer '29, of Albany, to the editorial staff as the result of a competition amongst forestry students.

Miss A. G. Norman '30, of Sinclairville, has been

awarded first prize in the freshman essay contest conducted by the COUNTRYMAN. Her article, *Rural Life in Pioneer Days*, appears on page 191 of this issue.

LOOKING BACKWARD TO SEE AHEAD

Practically every agricultural college in the country has (or has had) a general agricultural club similar to our Ag. Association. Many publish magazines similar to the COUNTRYMAN. A perusal of these publications shows that about every one is urging a change in the campus organizations. Their situation is exactly comparable to ours. Years ago, when the College was young, the Ag Association served to attract many, many students. With the development of the College into departments, there came a natural development of departmental clubs. Today, we have these clubs superseding the Ag Association in attracting students and developing the feeling of college consciousness. This is evident when one realizes the ease of arranging a departmental club program to interest a much smaller group of students. Only a very exceptional program could ever hope to attract a large audience to an ag assembly.

The Ag Association has gradually dwindled until nothing more than the officers exist today. Until this year, when the COUNTRYMAN was tied up with the Ag Association (through a combination ag tax and subscription), we have been unwilling to let the Association go "by the boards." This is the fourth year we have watched the organization gradually sink in the estimation of the students because it has practically ceased to function. To be sure, more tax tickets were sold last fall than have been in the last four years, but it was mainly due to the extra effort of the COUNTRYMAN board to keep the Association from perishing altogether. We doubt very much if there would have been a meeting of the officers, let alone the Association. We are positive there would have been no barbecue, which affair had been promised every fall since

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The Cornell Countryman wishes to do four things: Publish interesting alumni notes, furnish campus news, present the latest agricultural information, and to stimulate boys and girls to seek the aid of their state colleges so they might lead a fuller and finer life.